| | Application No. | Applicant(s) | |
|---|---|---|---|
| **Notice of Allowability** | 09/903,683 | YONEYAMA, HIDEHARU | |
| | **Examiner** | **Art Unit** | |
| | Ted T. Vo | 2192 | |

*-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--*

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to *8/8/05*.

2. ☒ The allowed claim(s) is/are *1-5,7-13,15,16 and 18*.

3. ☒ The drawings filed on *7/30/01 and replacement sheet on 1/25/05* are accepted by the Examiner.

4. ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

    a) ☒ All    b) ☐ Some*    c) ☐ None    of the:

        1. ☒ Certified copies of the priority documents have been received.

        2. ☐ Certified copies of the priority documents have been received in Application No. _____ .

        3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

    * Certified copies not received: _____ .

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application. **THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

5. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.

6. ☐ CORRECTED DRAWINGS ( as "replacement sheets") must be submitted.

    (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review ( PTO-948) attached

        1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____ .

    (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of

    Paper No./Mail Date _____ .

**Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).**

7. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

**Attachment(s)**

1. ☐ Notice of References Cited (PTO-892)

2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)

3. ☒ Information Disclosure Statements (PTO-1449 or PTO/SB/08), Paper No./Mail Date *8/8/05*

4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material

5. ☐ Notice of Informal Patent Application (PTO-152)

6. ☐ Interview Summary (PTO-413), Paper No./Mail Date _____ .

7. ☐ Examiner's Amendment/Comment

8. ☒ Examiner's Statement of Reasons for Allowance

9. ☐ Other _____ .

TED T. VO
Primary Examiner

1.      The amendment filed on 8/08/05 is fully responsive to the allowance subject matter of the mailed

final office action (mailed dated: 5/23/05). The final office action is withdrawn because the claimed

amendment (independent claims 1, 8, 9, 15, and 16) overcomes the closest art of record, Stack (US Pat.

No 5,815,717) and places the application in the condition for allowance.


**Reasons for Allowance**


2.      Claims 1-5, 7-13, 15-16, and 18 are allowed.

The following is an examiner's statement of reasons for allowance:

The cited prior arts taken alone or in combination fail to teach claimed invention to automatic software

component creating systems and methods comprising at least features,

"a parameter creating section which creates parameter(s) from said software component definition data
and parameter creation rules in response to a parameter creation request;
a method creating section which generates said parameter creation request which creating method(s)
from said software component definition data and method creation rules in response to a method creation
request; a component creating section which generates said method creation request while creating
component(s) from software component definition data and component creation rules in response to a
component creation request; and a module creating section which generates said component creation
request while creating said software component module from said software component definition data
and module creation rules", as recited in Claim 1 and in such manners in Claims 8, 9, and so as

"a parameter definition creating section which creates declaration and definition of each of said
parameters corresponding to a method to be called from a client program from said software component
definition data and parameter definition creation rules of said client program creation rules in response to
a parameter definition creation request; a pre-process creating section which creates a pre-process which
needs to be executed prior to a call of said software component based on said software component
definition data and pre-process creation rules of said client program creation rules in response to a pre-
process creation request; a component call creating section which creates a call process of each of said
methods of said software component based on said software component definition data and component
call creation rules of said client program creation rules in response to a component call creation request;
and a post-process creating section which creates a post-process, which needs to be executed after the
call of said software component based on said software component definition data and post-process
creation rules of said client program creation rules in response to a post-process creation request; and a
client module creating section which creates a framework of said client program source code based on
said software component definition data and client module creation rules of said client program creation
rules while respectively outputting said parameter definition creation request, said pre-process creation
request, said component call creation request and said post-process creation request to said parameter
definition creating section, said pre-process creating section, said component call creating section, and
said post-process creating section" as recited in Claim 15 and in such manners in Claim 16.

Prior art of record, Stack, discloses an automatic generation of an application program performed by a programmed system including a guided editor for establishing program, data and field definitions from input event elements. A sequence generator, coupled to the guided editor, autonomously processes the program, data and field definitions into descriptive atomic sequences, each describing a unique characteristic such that a plurality of frames describes the input event elements. Stack does not address the above claimed features.

3.      Any inquiry concerning this communication or earlier communications from the examiner should be directed to Ted T. Vo whose telephone number is (571) 272-3706. The examiner can normally be reached on 8:00AM to 5:30PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Tuan Q. Dam can be reached on (571) 272-3694.

The facsimile number for the organization where this application or proceeding is assigned is the Central Facsimile number 571-273-8300.

Any inquiry of a general nature or relating to the status of this application should be directed to the TC 2100 Group receptionist: 571-272-2100. Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Ted T. Vo
Primary Examiner
Art Unit 2192
August 18, 2005